

Title (en)
Self-tuning acoustic measurement system

Title (de)
Selbsteinstellendes akustisches Messsystem

Title (fr)
Système de mesure acoustique auto-réglable

Publication
EP 2381271 A1 20111026 (EN)

Application
EP 11158242 A 20110315

Priority
US 76763010 A 20100426

Abstract (en)
In one embodiment, an acoustic distance measurement system (100) can dynamically adjust its measurement frequency (402) to a frequency that is within a preselected bandwidth (510) of the resonant frequency (404) of an acoustic transducer (104) used in making acoustic distance measurements.

IPC 8 full level
G01S 15/10 (2006.01); **B06B 1/02** (2006.01); **G01S 7/524** (2006.01); **G01S 15/931** (2020.01)

CPC (source: EP US)
B06B 1/0253 (2013.01 - EP US); **G01S 7/52036** (2013.01 - US); **G01S 7/524** (2013.01 - EP US); **G01S 15/10** (2013.01 - EP US); **G01S 15/931** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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